

LISTING OF CLAIMS:

Claims 1-7 (Cancelled).

31 8. (Currently Amended) A base station apparatus for use in a CDMA radio communication system in which a communication terminal apparatus normally communicates with one base station apparatus and communicates with a plurality of base station apparatuses during a diversity handover and in which each base station apparatus can individually detect a position of the communication terminal apparatus, said base station apparatus comprising:

a first notifier that notifies a control station apparatus of first information to the effect that a the communication terminal apparatus is performing a said diversity handover;

a second notifier that notifies the control station apparatus of second information to the effect that a position detection is in progress;

a receiver that receives third information provided from the control station apparatus to the effect that, when in response to a determination that said position detection is being performed during said diversity handover, a target quality is to be changed

to a level provided from the control station apparatus to enable satisfactory performance of said position detection; and

a transmit power controller that changes the target quality according to the third information and performs transmit power control of the communication terminal apparatus at the changed target quality.

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9. (Currently Amended) A base station apparatus for use in a CDMA radio communication system in which a communication terminal apparatus normally communicates with one base station apparatus and communicates with a plurality of base station apparatuses during a handover and in which each base station apparatus can individually detect a position of the communication terminal apparatus, said base station apparatus that determines a position of a communication terminal apparatus by determining a direction of said communication terminal apparatus utilizing an array antenna characteristic and by determining a distance to said communication terminal apparatus from a propagation delay, said base station apparatus comprising:

a target quality changer that raises a target quality when in response to determination that a position detection is being performed during a said handover; and

a transmit power controller that performs transmit power control of the communication terminal apparatus at the changed target quality.

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10. (Currently Amended) A control apparatus that notifies the base station apparatus of claim 8 of said third information to the effect that, when the position detection is performed during said diversity handover, a the target quality is to be changed to a level ~~to enable~~ that enables satisfactory performance of said position detection.

11. (Previously Added) The control apparatus according to claim 10, wherein said target quality corresponds to an accuracy required for a service.

12. (Currently Amended) A transmit power control method for use in a CDMA radio communication system in which a communication terminal apparatus normally communicates with one base station apparatus and communicates with a plurality of base station apparatuses during a diversity handover and in which each base station apparatus can individually detect a position of the communication terminal apparatus, said method comprising:

providing, from a base station apparatus to a control station apparatus, first information to the effect that ~~a~~ the communication terminal apparatus is performing a said diversity handover and second information to the effect that a position detection is in progress; and

B1 providing, from the control station apparatus to the communication terminal apparatus and the base station apparatus, third information to the effect that, when in response to a determination that the position detection is being performed during the diversity handover, a target quality is to be changed to a level provided from said control station apparatus to enable satisfactory performance of said position detection, ~~and~~
~~—performing transmit power control in the communication terminal apparatus and the base station apparatus at the target quality corresponding to the third information.~~
